



IDAHO DEPARTMENT OF
HEALTH & WELFARE

Test Title	<i>Brucella</i> spp. (Brucellosis)
Sample Requirements	1. Specimen type: See Table 1 below for full listing of specimen types, requirements, special instructions and rejection criteria.
Sampling Materials	1. Sample container: See Table 1 below.
Procedural Notes	<ol style="list-style-type: none">1. Bacteriology Test Request Form for clinical samples2. Biological Threat Food/Environmental Test Request Form for food, water or environmental samples3. For all samples suspected of containing a biological threat agent contact the IBL Emergency Preparedness Section <u>before</u> sample collection and/or submission. TEL: 208-334-2235 See Table 1 below for sample specific procedural notes.4. Refer to ASM Sentinel Laboratory Guidelines for further information: www.asm.org/index.php/guidelines/sentinel-guidelines
Shipping Instructions	<ol style="list-style-type: none">1. Temperature/preservative instructions:<ol style="list-style-type: none">a. Clinical specimens and/or isolates: Transport at room temperature.2. Packaging:<ol style="list-style-type: none">a. Clinical specimens: Category B biological substance3. Ship to: Idaho Bureau of Laboratories ATTN: LRN-B Laboratory 2220 Old Penitentiary Rd Boise, ID 83712
Reporting and Turnaround Time (TAT)	<ol style="list-style-type: none">1. TAT<ol style="list-style-type: none">a. Preliminary results: 1-3 business daysb. Final results: 1-10 business days

Table 1. *Brucella* spp. Sampling Guidelines

Sample type	Sampling materials	Sample collection	Procedural notes	Sample rejection criteria
Bone marrow	Appropriate blood culture bottle	Collect directly into an appropriate blood culture bottle.	Best specimen for culture, but can be limited in chronic cases	Unlabeled or improperly packaged specimens that are leaking or otherwise compromised
Blood				
Joint or abdominal fluid	Appropriate blood culture bottle	Collect directly into an appropriate blood culture bottle.		
Spleen or liver abscesses	Sterile, non-glass, leak-proof, container	Tissue pieces (at least the size of a pea) should be collected and kept moist.	Transport in sterile container at room temperature within 1 hour of collection.	
Serum	Blood collection tube without anticoagulant	Collect at least 1 mL for serologic diagnosis.	Collect acute specimen as soon as possible after onset. Collect convalescent specimen >14 days after the acute specimen.	
Clinical isolates	Slant preferably with chocolate agar	Inoculate slant with a single, isolated colony.	Organisms submitted for rule out testing should have been first screened using ASM Sentinel Laboratory Guidelines.	
Food, water, or environmental	Contact Idaho Bureau of Laboratories <u>before</u> sample collection or submission.			